

## Fouad El Ouardighi

### Associate Professor, Department

Chair of Department -  
Academic Director of  
the MS Logistics and  
Supply Chain  
Management -  
Academic Director of  
the MS Technological  
Projects Management



### Contact

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## Education

- International Teacher Program (ITP), Manchester Business School, England, 2003
- Ph.D., management science, ESSEC Business School, France, 2001
- Doctorat, sciences de gestion, Université Paris X Nanterre, France, 1996
- DEA (major de promotion), sciences de gestion, ESSEC-HEC-Université Paris X Nanterre, France, 1991
- DEA, dynamique des systèmes productifs et économie mondiale, Université Paris X Nanterre, France, 1989
- Maîtrise, économie de l'entreprise, Université Paris X Nanterre, France, 1988

## Research Areas

Supply-chain management, project management, quality management, optimal control, differential games.

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## Publications

### ✉ Academic Publications

#### Books

*Dynamique industrielle et cycle de vie des produits*. Rabat (Maroc) : Marif El Jadida, 1994

#### Articles

"Le supply chain management : entre indépendance organisationnelle et centralisation", *Revue Française de Gestion*, Aug. 2008, Vol. 34, Issue 186, p. 1-10

"L'expérience Française du Supply Chain Management", With P. De Giovanni, J. Tarondeau. *Revue Française de Gestion*, Aug. 2008, Vol. 34, Issue 186, p. 11-39

"Contrat de prix de transfert et contrat à partage de revenu dans une supply chain", *Revue Française de Gestion*, Aug. 2008, Vol. 34, Issue 186, p. 59-77

"A dynamic game of operations and marketing management in a supply chain ", With S. Jørgensen, F. Pasin. *International Game Theory Review*, June 2008, Vol. 10, Issue 2, p. 1-20

"Quality improvement and goodwill accumulation in a dynamic duopoly", With F. Pasin. *European Journal of Operational Research*

"The Dynamics of Cooperation", *International Game Theory Review*, Jan. 2002, Vol. 4, Issue 1, p. \*-\*

"Quality and the Diffusion of Innovations", With C. Tapiero. *European Journal of Operational Research*, Jan. 1998, Issue 106

"Modèles de diffusion en marketing", With C. Tapiero. *Recherche et Applications en Marketing*, Jan. 1997, Vol. 12, Issue 4

"Qualité et diffusion des produits", With C. Tapiero. *Recherche et Applications en Marketing*, Jan. 1996, Vol. 11, Issue 4

### **Book Chapters**

*Supplier Manufacturer Collaboration on New Product Development*. In: *Advances in Dynamic Game Theory* (with K. Bowom). ( ) : Steffen Jorgensen, marc Quimcampoix, Thomas L. Vincent, 2007, p. 527-546

*Dynamique des ventes et stratégies publicitaires concurrentielles*. In: LE MOAL P., BOURGEON L.. *Savoir gérer. Mélanges en l'honneur de Jean-Claude Tarondeau*. Paris (France) : Vuibert, 2003

### **Working Papers**

"Advertising and Quality Decisions over Time" (with F. Pasin). Essec Research Center, DR-02014 juil. 02.

"The Dynamics of Optimal Cooperation" (with F. Gannon). Essec Research Center, DR-01003 févr. 01.

"The Dynamics of Cooperation" Essec Research Center, DR-00010 janv. 00.

"La théorie statistique de la décision. I" Essec Research Center, DR-99035 déc. 99.

"Optimal advertising and quality under imperfect information" (with C. Tapiero). Essec Research Center, DR-97035 janv. 97.

"Quality, Advertising, Price and the Diffusion of Innovations" Essec Research Center, DR-96072 déc. 96.

### **Other Publications**

#### **Press Articles**

"Comment gérer le secteur halieutique ?". *Vie Economique (La)*, 24 sept. 1999

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## **Other Activities**

### **Scientific Activities**

#### **Editorial Board Membership**

*International Game Theory Review*, World Scientific

#### **Conference Presentations**

- PITTSBURGH INFORMS annual meeting, Pittsburgh, Pennsylvania, USA,

November 2006

- XIIth International symposium on dynamic games and applications, Sophia-Antipolis, France, July 2006
- International workshop on dynamic optimization in honor of Pr Suresh P. Sethi, Dallas, Texas, USA, May 2006
- Optimization days conference (session chair), HEC-Montreal, Montreal, Canada, May 2006
- SAN FRANCISCO INFORMS annual meeting, San Francisco, California, USA, November 2005
- Viennese workshop on dynamic games, Vienna, Austria, October 2005
- IFORS Triennial conference (session chair), Honolulu, Hawaiï, USA, July 2005
- Optimization days conference, HEC-Montreal, Montreal, Canada, May 2005
- XIth International symposium on dynamic games and applications (session chair), Tucson, Arizona, USA, December 2004
- EURO XX, XXth European conference on operational research (session chair), Rhodos, Greece, July 2004
- Optimization days conference (session chair), HEC-Montreal, Montreal, Canada, May 2004
- Teaching and Learning Conference (best paper award), Orlando, Florida, USA, January 2004
- ATLANTA INFORMS annual meeting (session chair), Atlanta, Georgia, USA, October 2003
- ISTANBUL EURO/INFORMS joint conference, Istanbul, Turkey, July 2003
- VIIIth Viennese workshop on optimal control, non linear dynamics and differential games (session chair), Vienna, Austria, May 2003
- Optimization days conference, HEC-Montreal, Montreal, Canada, May 2003
- SAN JOSE INFORMS annual meeting, San Jose, California, USA, November 2002
- International workshop on optimal control and dynamic games in honor of Pr Steffen Jørgensen, Tunis, Tunisia, September 2002
- Xth International symposium on dynamic games and applications, St-Petersburg, Russia, July 2002
- Optimization days conference (session chair), HEC-Montreal, Montreal, Canada, May 2002
- HEC-ESSEC-INSEAD marketing seminar, INSEAD, Fontainebleau, France, March 2002
- MIAMI INFORMS annual meeting, Miami, Florida, USA, November 2001
- HAWAII&luml; INFORMS annual meeting (session chair), Maui, Hawaiï, USA, June 2001
- IXth international symposium on dynamic games and applications, Adelaide, Australia, December 2000
- SEOUL INFORMS/KORMS joint conference, Seoul, South Korea, June 2000
- VIIth Viennese workshop on optimal control, non linear dynamics and differential games, Vienna, Austria, May 2000
- HEC-ESSEC-INSEAD marketing seminar, INSEAD, Fontainebleau, France, October 1999
- EURO XVI, XVIth European conference on operational research, Brussels, Belgium, July 1998
- HEC-ESSEC-INSEAD marketing seminar, HEC, Jouy-En-Josas, France, May 1994
- IInd Conference of International Association of Strategic Management (AIMS), Jouy-En-Josas, France, Octobre 1992

### **Affiliations and Academic Responsibilities**

Member of:

- the Institute for Operations Research and the Management Science (INFORMS)
- the International Society of Dynamic Games (ISDG)
- the Strategic Management Society (SMS)
- the International Center of Governance of Montreal (G-Centre Intl)

### ▣ Consulting and Other Activities

- Associate editor for International Game Theory Review (2005-)
- Academic director of The Supply Chain Management Observatory (2004-)
- Referee for European Journal of Operational Research (1998-), Production Planning and Control (2002-), International Game Theory Review (2002-), Revue Française de Gestion (2004-), Annals of Dynamic Games (2005-)
- Expert for the Rhône-Alpes Regional Committee, France, 2000-2004
- Consultant and educator for French and European companies, 1998-
- Consultant for the Ministry of fisheries and the merchant navy of the Kingdom of Morocco, Rabat, Morocco, 1996-1998

### ▣ Professional Experience

- Co-designer of the Ph.D. program of Decision and Management Science, ESSEC, 2004-2006
- Department Chairperson for Logistics, Production and Service, 2001-2005, 2006-
- Co-designer of the Master program of Technological Projects Management, ESSEC/TELECOM PARIS, 2003-2004
- Assistant professor, logistics, production and service department, ESSEC Business School, 1998-2002
- Academic director of continuing education specialized programs in logistics, production, sourcing and service, ESSEC Management Education, 1999-2001
- Academic director of in-company projects program, ESSEC Business School, 1999-2000
- Assistant professor, decision and information systems department, Audencia-Ecole Supérieure de Commerce de Nantes, 1997-1998
- Visiting professor, logistics and production department, ESSEC Business School, 1996-1997
- Lecturer, management faculty, Paris X Nanterre University, 1994-1998
- Lecturer, management department, Ecole des Mines de Nantes, 1994
- Scholarship holder/assistant, management faculty, Paris X Nanterre University, 1992-1994
- Research assistant, strategy and management department, ESSEC Business School, 1991-1992